DYNAMIC ALLOCATION OF RESOURCES IN A SIMULCAST WIRELESS COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

Dynamic allocation of communication resources in a wireless communication system employing simulcast transmission. When a simulcast station of a simulcast channel at a remote site becomes unavailable, a simulcast site controller determines if there is an unused simulcast station at the remote site. If there is an unused simulcast station, the simulcast site controller assigns the unused simulcast station to the simulcast channel thereby allowing the simulcast channel to continue to function. In an alternate embodiment, simulcast stations at a plurality of remote sites are dynamically assigned to simulcast channels as they become available.